

Amendments to the Claims

This listing of claims will replace all prior listings of claims in the application.

Listing of Claims

1. (Currently Amended) A method for clarification of sludge comprising, separating waste fluid·raw solution to solid and liquid by a solid-liquid separator and a first filtration apparatus, and treating the obtained liquid state product by an ozone treatment and a specific ray treatment simultaneously.

2. (Original) The method for clarification of sludge of claim 1, wherein the specific ray is a ray which has wavelength of the range from ultraviolet ray region to near-ultraviolet ray region.

3. (Previously Presented) The method for clarification of sludge of claim 1, wherein waste fluid·raw solution is wash water from a pigshed, a cowshed or a chicken house, or waste wash water from a butchery, or processed foods liquid of over relishing period, such as coffee, Sake or Shochu.

4. (Previously Presented) The method for clarification of sludge according to claim 1, wherein solid obtained by a solid-liquid separator and a first filtration apparatus is used as a soil conditioner.

5. (New) An apparatus for clarification of sludge comprising, a clarification equipment of sludge consisting of a solid-liquid separator and a first filtration apparatus which separates waste fluid·raw solution, an ozone treating apparatus which carry out ozone treatment of the obtained liquid state product and a specific ray treatment apparatus

which irradiates specific ray, wherein, said specific ray treatment apparatus comprises a guide plate so as the liquid state treated product to flow spirally between specific ray lamps arranged in parallel.